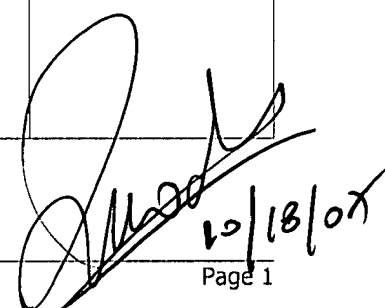


## EAST Search History

| Ref # | Hits  | Search Query   | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|--|------------------|---------|------------------|
| L1    | 2     | "5963966".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/18 09:30 |
| L2    | 2     | "6687404".pn.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/18 09:30 |
| L5    | 14    | (US-20020029232-\$ or<br>US-20060116977-\$ or<br>US-20030200507-\$).did. or<br>(US-5623681-\$ or US-6589292-\$ or<br>US-6313854-\$ or US-6199082-\$ or<br>US-6377704-\$ or US-5530794-\$ or<br>US-6687404-\$ or US-6336124-\$ or<br>US-5689585-\$ or US-5848184-\$ or<br>US-5963966-\$).did. | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/10/18 09:48 |
| L6    | 1     | 5 & (scan near2 document)  | US-PGPUB;<br>USPAT   | OR               | ON      | 2007/10/18 09:49 |
| L7    | 0     | 5 & (deserialization same<br>serialization) & scan\$3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/18 09:50 |
| L8    | 10    | 5 & ("optical character recognition"<br>OCR) & (text with (image\$1<br>bitmap))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/18 09:51 |
| L9    | 31620 | "715"/\$.CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/10/18 09:54 |



## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| L10 | 183     | 715/516   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L11 | 6582507 | L L10 or L9   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L12 | 420     | L11 & extract\$3 with test with<br>(images graphic\$3 photo)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L13 | 300     | L12 & (newspaper media article<br>paper hardcop\$3 magazine)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L14 | 24      | L13 & OCR   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L15 | 16      | ("5032525" "5418888" "5448502" "5448722" "5787234" "6058206" "6571013" "6671818").PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L16 | 8       | L15 & (newspaper media article<br>paper hardcop\$3 magazine)                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L17 | 1700 | (newspaper media article paper<br>hardcop\$3 magazine) with OCR              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L18 | 1    | L17 & extract\$3 with test with<br>(images graphic\$3 photo)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L19 | 20   | L14 & (web internet markup html<br>sgml)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L20 | 10   | OCR & (deseriali\$6 same seriali\$6)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L21 | 0    | OCR & (deserialization same<br>serialization)                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L22 | 0    | (Recogni\$4 with text with images) &<br>(deserialization same serialization) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L23 | 943  | mitchell & OCR   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L24 | 27   | L23 & newspaper                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L25 | 1773 | OCR & (Recogni\$4 with text with images)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L26 | 630  | L25 & (tag\$1 L24 markup)                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L27 | 3    | L26 & ( serialization)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L28 | 0    | L26 & (deserialization same serialization) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L29 | 2    | "4,731,857" .pn.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L30 | 6    | L24 & (@ad<"20000616"<br>@rlad<"20000616") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L31 | 6    | L30 & (tag\$1 mark\$3 markup)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L32 | 25   | michell & OCR                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L33 | 0    | L28 & (@ad<"20000616"<br>@rlad<"20000616") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L34 | 28   | OCR with newspaper                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L35 | 13   | L34 & (@ad<"20000616"<br>@rlad<"20000616") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L36 | 1024 | OCR & newspaper                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L37 | 24   | mitchel & OCR                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |      |  |  |    |    |                  |
|-----|------|--|--|----|----|------------------|
| L38 | 1202 | (deseriali\$6 same seriali\$6) &<br>(@ad<"20000616"<br>@riad<"20000616") | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L39 | 3    | L38 & OCR  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L40 | 2    | (deseriali\$6 same seriali\$6) &<br>(Recogni\$4 with text with images)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L41 | 0    | L26 & (deseriali\$6 same seriali\$6)                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L42 | 6    | L30 & (tag\$1 L24 markup)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |     |   |  |    |    |                  |
|-----|-----|---|--|----|----|------------------|
| L43 | 59  | (US-20020116420-\$ or<br>US-20010056429-\$ or<br>US-20030200507-\$ or<br>US-20030140315-\$).did. or<br>(US-5130924-\$ or US-6708189-\$ or<br>US-6691281-\$ or US-6625581-\$ or<br>US-6633879-\$ or US-5907837-\$ or<br>US-6507856-\$ or US-5634064-\$ or<br>US-6844940-\$ or US-6324554-\$ or<br>US-6088708-\$ or US-5963966-\$ or<br>US-6199082-\$ or US-5964836-\$ or<br>US-6195667-\$ or US-6311194-\$ or<br>US-6377704-\$ or US-6233592-\$ or<br>US-5953733-\$ or US-6185589-\$ or<br>US-6313854-\$ or US-6023714-\$ or<br>US-6589292-\$ or US-6397217-\$ or<br>US-6757888-\$).did. or<br>(FR-2795539-\$).did. or<br>(GB-2302524-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L44 | 346 | automatic\$4 with publishing with<br>system   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L45 | 262 | L44 & (newspaper media article<br>paper hardcop\$3 magazine)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L46 | 91  | L45 & (@ad<"20000616"<br>@rlad<"20000616")  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L47 | 5   | L46 & Prepress\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |   |   |  |    |    |                  |
|-----|---|---|--|----|----|------------------|
| L48 | 0 | automatic with publishing with sysytem                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L49 | 6 | L46 & (Recogni\$4 with text with images)                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L50 | 0 | L46 & (deseriali\$6 same seriali\$6)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L51 | 0 | L46 & (deseriali\$6 same seriali\$6) & (Recogni\$4 with text with images) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L52 | 5 | L46 & (OCR)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L53 | 0 | "Scan documents" with " Adobe PDF" & " retaining the layout"              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L54 | 0 | "Scan documents" & " retaining the layout"                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |



## EAST Search History

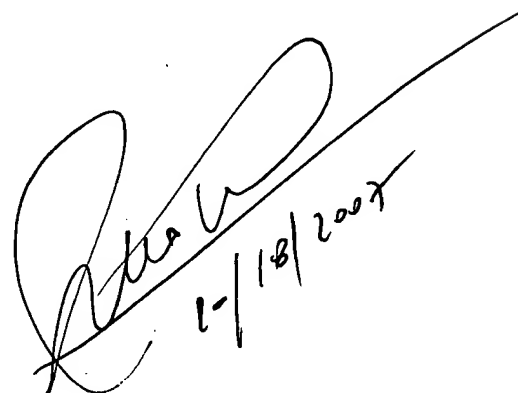
|     |      |   |  |    |    |                  |
|-----|------|---|--|----|----|------------------|
| L55 | 7385 | "Scan documents"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L56 | 0    | L55 & "retaining the layout"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L57 | 2    | "5623681".PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L58 | 0    | "Scan documents" & "Adobe PDF "<br>& "retaining the layout"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L59 | 5    | L55 & (retain\$3 with layout)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L60 | 16   | ("20010011364" "20020159636" "20<br>030137522" "5999664" "6377704" "<br>6546397" "6556217" "6667750").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L61 | 0    | L60 & "Scan documents"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |         |  |  |    |    |                  |
|-----|---------|--|--|----|----|------------------|
| L62 | 6       | L60 & (scan\$3 OCR)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L63 | 1682953 | ("optical character recognition" OCR) with document  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L64 | 920     | L63 & (("optical character recognition" OCR) with document same (text with (image\$1 bitmap))) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L65 | 0       | L64 & " retaining the layout"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L66 | 31      | L64 & ((retain\$3 perserv\$3) with (layout format))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L67 | 47      | L64 & ((retain\$3 preserv\$3) with (layout format))  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L68 | 24      | L67 & (@ad<"20000616"<br>@rlad<"20000616")   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |

## EAST Search History

|     |    |  |  |    |    |                  |
|-----|----|--|--|----|----|------------------|
| L69 | 13 | (US-20060116977-\$ or<br>US-20030200507-\$ or<br>US-20020029232-\$).did. or<br>(US-6589292-\$ or US-6377704-\$ or<br>US-6313854-\$ or US-6199082-\$ or<br>US-5623681-\$ or US-5530794-\$ or<br>US-6687404-\$ or US-6336124-\$ or<br>US-5848184-\$ or US-5689585-\$).<br>did. | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/18 09:54 |
| L70 | 0  | " Retaining Document Format in<br>OCR,"  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/10/18 09:54 |
| L71 | 0  | L65 & (tag\$1 markup html xml<br>sdml)   | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/18 09:54 |
| L72 | 0  | L65 & (tag\$1 markup html xml<br>sdml)   | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/18 09:54 |
| L73 | 10 | L69 & (tag\$1 markup html xml<br>sdml)   | US-PGPUB;<br>USPAT   | OR | ON | 2007/10/18 09:54 |



1-1/18/2007